(iii) Renovation & Modernisation and life extension of old and inefficient generating units in the State by funding through Accelerated Power Development Programme (APDP) scheme.

(iv) Reduction in Transmission and Distribution losses by augmenting/strengthening of sub-transmission and distribution network in the State by funding under APDP scheme.

Prioritising hydro-electric power projects by CEA

2542. SHRI C.M. IBRAHIM: Will the Minister of POWER be pleased to state:

(a) whether with a view to prioritizing hydro-electric power projects for speedy implementation basin-wise ranking studies have been carried out by the Central Electricity Authority;

(b) if so, the details of the hydro-projects identified for prioritization, basin-wise; the power potential of each and the cost thereof; and

(c) whether any new projects have been identified in the Krishna, Godavari and Cauveri basins, Bhima and Seena river basins, if so, the time frame contemplated for implementing the same?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) Yes, Sir. The Government of India is according high priority to exploit the untapped hydro-electric potential in the country. In order to accelerate the process of survey and investigation of the new hydro-electric sites and to create a shelf of feasible projects which could be taken up for execution, the Central Electricity Authority (CEA) was asked to carry out a ranking study of the balance hydro sites for all the six river basins classified in the country. CEA has since brought out a Report on Preliminary Ranking Study of about 400 hydro schemes with an aggregate installed capacity of about 1,07,000 MW which were identified but are yet to be developed. The inter-se-prioritization of hydro sites within the basins has been carried out on

consideration of various aspect involved in the development of hydro schemes. On the basis of this evaluation, the schemes have been graded in A, B and C categories in order of their priority for development for each basin. The basin-wise details of hydro-electric projects identified along with their installed capacity are enclosed in the Statement I to VI (*See* below). Cost estimates of each scheme would be known during Detailed ranking Studies/Pre-feasibility Report formultion.

(c) The ranking study has been conducted in respect of hydro schemes identified by the Central Electricity Authority during the re-assessment of hydroelectric potential undertaken by them from 1978 to 1987.

Statement I

Schemes in Indus River System (Grade-wise)

Sl. No.	Name of Scheme	River/State	Probable Installed Capacity (MW)	Grade
(1)	(2)	(3)	(4)	(5)
1	Budhil	Ravi/HP	70	A
2	Allain Duhangan	Beas/HP	192	A
3	Karcham Wangtoo	Sutlej/HP	1000	A
4	Rana Khad	Beas/HP	29	A
5	Nakthan (Parbati-I)	Beas/HP	420	A
6	Shongtong Karcham	Sutlej/HP	780	A
7	Jangi Thopan	Sutlej/HP	410	A
8	Gharopa	Beas/HP	85	A
9	Luhri	Sutlej/HP	425	A
10	Thopan Powari	Sutlej/HP	650	A
11	Sainj-IV	Beas/HP	27	A
12	Seawa (St. II)	Ravi/J&K	120	B
13	Chakothi (Uri-II)	Jhelum/J&K	280	B
14	Rampur Nainjah	Sutlej/HP	420	B
15	Sainj (Parbati-III)	Beas/HP	520	B
16	Machhetri	Ravi/HP	60	B
17	Tirthan-III	Beas/HP	26	B
18	Chulan	Ravi/HP	55	B

(1)	(2)	(3)	(4)	(5)
19	Khab-II	Sutlej/HP	425	B
20	Wangam	Jhelum/J&K	60	B
21	Leh	Indus/J&K	29	B
22	Tidong-II	Sutlej/HP	90	B
23	Pakhal Dul	Chenab/J&K	1000	B
24	Parkhachik	Indus/J&K	60	B
25	Hatian	Jhelum/J&K	215	B
26	Chenari	Jhelum/J&K	475	B
27	Thibda	Sutlej/HP	55	B
28	Ratle	Chenab/J&K	515	B
29	Naunut	Chenab/J&K	1120	B
30	Karkit	Indus/J&K	190	B
31	Kanyunche	Indus/J&K	105	B
32	Gondhala	Chenab/HP	90	B
33	Dunadi	Chenab/J&K	60	B
34	Chhota Dara	Chenab/HP	50	B
35	Chechesma	Indus/J&K	47	B
36	Khabru	Indus/J&K	30	B
37	Thambas	Indus/J&K	29	B
38	Dandal	Indus/J&K	26	B
39	Khoksar	Chenab/HP	80	B
40	Kwar	Chenab/J&K	440	B
41	Bardang	Chenab/HP	145	B
42	Chhatru	Chenab/HP	140	B
43	Kiari	Indus/J&K	28	B
44	Kiru	Chenab/J&K	295	B
45	Khalsi	Indus/J&K	170	B
46	Seli	Chenab/HP	150	B
47	Takmaching	Indus/J&K	75	B
48	Sach Khas	Chenab/HP	70	B
49	Kyurik	Sutlej/HP	41	B
50	Udaipur	Chenab/HP	36	B
51	Shamnot	Chenab/J&K	200	B
52	Nurla	Indus/J&K	65	B
53	Dumkhar	Indus/J&K	130	B
54	Tidong-I	Sutlej/HP	90	B
55	Tipri	Chenab/J&K	36	B

(1)	(2)	(3)	(4)	(5)
56	Gangbal	Jhelum/J&K	55	B
57	Taiti-I	Sutlej/HP	50	B
58	Kesar	Indus/J&K	42	B
59	Nimu	Indus/J&K	180	B
60	Bichlari	Chenab/J&K	75	B
61	Kiwa	Chenab/J&K	37	B
62	Naga	Chenab/J&K	29	B
63	Jhalma	Chenab/HP	275	C
64	Gunderman	Indus/J&K	120	C
65	Chalunka	Indus/J&K	45	C
66	Shuas	Chenab/J&K	505	C
67	Achinthang	Indus/J&K	140	C
68	Bursar	Chenab/J&K	1020	C
69	Raoli	Chenab/HP	715	C
70	Batalik	Indus/J&K	235	C
71	Sho	Chenab/J&K	215	C
72	Tillarchu	Indus/J&K	39	C
73	Barinaum	Chenab/J&K	435	C
74	Tahamus	Indus/J&K	120	C
75	Paidar	Indus/J&K	46	C
76	Railing	Chenab/HP	155	C
77	Parfila	Indus/J&K	45	C
78	Khab-I	Sutlej/HP	1640	C
79	Karalpur (K-Ganga)	Jhelum/J&K	330	C
		Total	18979	
80	Kulu	Beas/HP	90	
81	Tundah	Ravi/HP	34	
82	Manali	Beas/HP	37	
83	Tirthan-I	Beas/HP	32	
84	Homte	Sutlej/HP	60	
85	Sainj Kartah-II	Beas/HP	45	
86	Sainj-I	Beas/HP	55	
87	Baspa-I	Sutlej/HP	335	
88	Sonamarg	Jhelum/J&K	155	
89	Gyspa	Chenab/HP	395	
90	Baroti	Ravi/HP	40	
91	Gandharni	Beas/HP	49	

(1)	(2)	(3)	(4)	(5)
92	Suni Chabha	Sutlej/HP	225	
93	Ropa	Sutlej/HP	31	

NOTE: 14 schemes from Sl. No. 80 to 93 are not considered for Ranking due to major R and R aspects, submergence of reserve forests/wild life a sanctuary and highway displacements etc.

Statement II

Schemes in Ganga River Basin (Gradewise)

Sl. No.	Name of Scheme	River/State	Probable Installed Capacity (MW)	Grade
1	2	3	4	5
1	Benakuli	Alakanada/Uttaranchal	40	A
2	Orchha	Betwa/UttarPradesh	39	A
3	Dhurwara	Betwa/Madhya Pradesh	28	A
4	Tapovan Chunar	Dhauliganga/Uttaranchal	485	A
5	Lata Tapovan	Dhauliganga/Uttaranchal	320	A
6	Tiuni	Yamuna/Uttaranchal	42	A
7	Bowala Nand Prayag	Alaknanda/Uttaranchal	132	A
8	Vishnugad Pipalkoti	Alaknanda/Uttaranchal	360	A
9	Bhela Tipri	Bhagirathi/Uttaranchal	100	A
10	Bhairon Ghati	Bhagirathi/Uttaranchal	60	A
11	Naitwar Mori	Yamuna/Uttaranchal	70	A
12	Karri	Sone/Chhattisgarh	70	A
13	Kharauli	Sone/Chhattisgarh	46	A
14	Balasan	Balasan/West Bengal	33	A
15	Sankri-Kunari	Yamuna/Uttaranchal	33	A
16	Pishanaitwar	Yamuna/Uttaranchal	30	A
17	Ugmir	Yamuna/Uttaranchal	28	A
18	Diulong-Sumangaon	Bhilangana/Uttaranchal	26	A
19	Pangula Sanail	Yamuna/Himachal Pradesh	26	A
20	Chorhat	Sone/Madhya Pradesh	55	A
21	Badri Nath	Alaknanda/Uttaranchal	260	B
22	Nand Prayag Langasu	Alaknanda/Uttaranchal	180	B
23	Khartoli Lumti Talli	Sarda/Uttaranchal	105	B
24	Khadwan	Sone/Jharkhand	450	B
25	Harsil Dam	Bhagirathi/Uttaranchal	350	B

(1)	(2)	(3)	(4)	(5)
26	Nelang	Jadhganga/Uttaranchal	190	B
27	Jadh Ganga	Jadhganga/Uttaranchal	110	B
28	Taluka-Saul	Yamuna/Uttaranchal	39	B
29	Karmali	Jadhaganga/Uttaranchal	190	B
30	Jamolna-Ghansyali	Bhilanganga/Uttaranchal	44	B
31	Gangotri	Bhagirathi/Uttaranchal	70	B
32	Tokh Gurupa	Pindar/Uttaranchal	26	B
33	Kalika Dantu	Sarda/Uttaranchal	140	B
34	Dhargoan-Jandarwali	Bhilangana/Uttaranchal	29	B
35	Banoli Nalgam	Pinder/Uttaranchal	55	B
36	Nakot Patlasu	Yamuna/Uttaranchal	43	B
37	Kuwa Ford	Yamuna/Uttaranchal	42	B
38	Tamak Lata	Dhauliganga/Uttaranchal	200	B
39	Devi Bagar Khartoli	Sarda/Uttaranchal	40	B
40	Mandakini	Mandakini/Uttaranchal	36	B
41	Kotlibhel	Bhagrirathi/Uttaranchal	1000	B
42	Pasal	Sone/Chhattisgarh	55	B
43	Mapang Bogudyar	Sarda/Uttaranchal	185	B
44	Khet Tawaghat	Sarda/Uttaranchal	225	B
45	Sela Urthing	Sarda/Uttaranchal	165	B
46	Duniadhin	Sone/Chhattisgarh	80	B
47	Malkhet Dam	Yamuna/Uttaranchal	37	B
48	Girthi Ganga	Girthi Ganga/Uttaranchal	34	B
49	Lohari Nag Thrang	Bhagirathi/Uttaranchal	520	B
50	Sirkari Bhyol Rus Bagar	Sarda/Uttaranchal	145	B
51	Sobala Jhimrigoan	Sarda/Uttaranchal	145	B
52	Niti Ganshali	Dhaulighanga/Uttaranchal	32	B
53	Urthing Sobala	Sarda/Uttaranchal	340	B
54	Sirkari Bhyol Bogudiyar	Sarda/Uttaranchal	240	B
55	Chhanger Chal	Sarda/Uttaranchal	145	B
56	Rishi Ganga II	Rishiganga/Uttaranchal	65	B
57	Bampa Kurkuti	Dhauliganga/Uttaranchal	60	B
58	Khel Kuran Neti	Dhauliganga/Uttaranchal	49	B
59	Nayar Dam	Nayar/Uttaranchal	34	B
60	Pala Bhila Tipri	Bhagirathi/Uttaranchal	400	B
61	Pala Bhila Tipri	Sarda/Uttaranchal	145	B
62	Ramganga Dam	Sarda/Uttaranchal	75	B
63	Deodi	Rishiganga/Uttaranchal	65	B
64	Joka	Sone/Chhattisgarh	28	B
65	Rishi Ganga I	Rishiganga/Uttaranchal	115	B

1	2	3	4	5
66	Jalem Tamak	Dhauliganga/Uttaranchal	150	B
67	Malari Jhelam	Dhauliganga/Uttaranchal	90	B
68	Devasari Dam	Pinder/Uttaranchal	78	B
69	Khasiyabara	Sarda/Uttaranchal	280	B
70	Utyasu Dam	Alaknanda/Uttaranchal	1140	B
71	Garba Tawaghat	Sarda/Uttaranchal	195	B
72	Gohana Tal	Birahiganga/Uttaranchal	95	B
73	Tawaghat Dharchula	Sarda/Uttaranchal	310	B
74	Garjia Dam	Sarda/Uttaranchal	295	B
75	Kishau Dam	Yamuna/Uttaranchal	600	C
		TOTAL	12239	

Statement III

Schemes in Brahmaputra River System (Gradewise)

Sl. No.	Name of Scheme	River Basin/ State	Probable Installed Capacity (MW)	Grade
1	2	3	4	5
1	Teesta St. VI	Tista/Sikkim	360.0	A
2	Siang Lower	Dihang-Diband/Ar.Pr.	1700.0	A
3	Teesta St IV	Tista/Sikkim	495.0	A
4	Lachung	Tista/Sikkim	30.0	A
5	Gompa	Tista/Sikkim	46.0	A
6	Lower Kopili	Kalang/Assam	.150.0	A
7	Talem	Tista/Sikkim	65.0	A
8	Kalep	Tista/Sikkim	41.0	A
9	Umlamphang	Kalang/Megh.	28.0	A
10	Panan	Tista/Sikkim	230.0	A
11	Namlum	Tista/Sikkim	175.0	A
12	Dikchu	Tista/Sikkim	90.0	A
13	Ramam-III	Tista/W.B.	100.0	A
14	Teesta St. II	Tista/Sikkim	450.0	A
15	Bhareli Lift Dam-I	Kameng/Ar.Pr.	330.0	A
16	Hegio	Subansiri/Ar.Pr.	250.0	A
17	Bhareli Lift Dam-I	Kameng/Ar.Pr.	240.0	A
18	Irang	Barak & Others/Man	60.0	A

1	2	3	4	5
19	Emini	Dihand-Dibang/Ar.Pr.	295.0	A
20	Amulin	Dihang-Dibang/Ar.Pr.	235.0	A
21	Agoline	Dihang-Dibang/Ar.Pr.	235.0	A
22	Kapak Leyak	Kameng/Ar.Pr.	195.0	A
23	Sushen	Barak & Others/Megh.	150.0	A
24	Rigong	Dihang-Dibang/Ar.Pr.	130.0	A
25	Badao	Kameng/Ar.Pr.	120.0	A
26	Pakke	Kameng/Ar.Pr.	120.0	A
27	Kurung Dam-II	Subanasiri/Ar.Pr.	115.0	A
28	Seba	Kameng/Ar.Pr.	105.0	A
29	Yepin	Dihang--Dibang/Ar.Pr.	95.0	A
30	Laruri	Barak & Others/Nag	80.0	A
31	Milli	Subansiri/Ar.Pr.	75.0	A
32	Chela	Subsansiri/Ar.Pr.	75.0	A
33	Par	Subansiri/Ar.Pr.	65.0	A
34	Pengging	Dihang-Dibang/Ar.Pr.	60.0	A
35	Tago-I	Subansari/Ar.Pr.	55.0	A
36	Para	Kemeng/Ar.Pr.	55.0	A
37	Khongnem Chakra-III	Barak & Others/Man	48.0	A
38	Sepla	Kameng/Ar.Pr.	46.0	A
39	Lachung	Kameng/Ar.Pr.	41.0	A
40	Sape	Subansiri/Ar.Pr.	38.0	A
41	Langey	Kalang/Assam	37.0	A
42	Raigam	Luhit/Ar.Pr.	32.0	A
43	Nyepin	Subansiri/Ar.Pr.	32.0	A
44	Gimliang	Luhit/Ar.Pr.	31.0	A
45	Sakhai-II	Barak & Others/Nag	31.0	A
46	Rebby	Kameng/Ar.Pr.	30.0	A
47	Laniye-II	Barak & Others/Man	27.0	A
48	Chanda	Kameng/Ar.Pr.	110.0	A
49	Tarang Warang	Kameng/Ar.Pr.	65.0	A
50	Upper Borpani	Kalang/Assam	60.0	A
51	Hiye	Subansiri/Ar.Pr.	41.0	A
52	Tidding-I	Luhit/Ar.Pr.	31.0	A
53	Kimi	Kameng/Ar. Pr.	535.0	B
54	Umjaut	Barak & Others/Megh	85.0	B

1	2	3	4	5
55	Tato-II	Dihang-Dibang/Ar. Pr.	360.0	B
56	Umduna	Barak & Others/Megh	95.0	B
57	Phanchung	Kameng/Ar. Pr.	90.0	B
58	Dardu	Subansiri/Ar.Pr.	60.0	B
59	Yoksam	Tista/Sikkim	44.0	B
60	Hutong	Luhit/Ar.Pr.	950.0	B
61	Chomi	Subansiri/Ar.Pr.	80.0	B
62	Oju-II	Subansiri/Ar.Pr.	2580.0	B
63	Attunli	Dihang-Dibang/Ar.Pr.	175.0	B
64	Kynshil-II	Barak & Others/Megh	175.0	B
65	Manhu	Barak & Others/Megh	90.0	B
66	Umiam Umtru-V	Kalang/Megh.	27.0	B
67	Naba	Subansiri/Ar.Pr.	1290.0	B
68	Lingza	Tista/Sikkim	160.0	B
69	Rukel	Tista/Sikkim	90.0	B
70	Emra-II	Dihang-Dibang/Ar.Pr.	870.0	B
71	Umiam Umtru-VI	Kalang/Megh.	145.0	B
72	Irang	Barak & Others/Megh	75.0	B
73	Mana	Tista/Sikkim	37.0	B
74	Nungliban	Barak & Others/Man	85.0	B
75	Noa-Dihing	Luhit/Ar.Pr.	75.0	B
76	Tammu	Subansiri/Ar.Pr.	55.0	B
77	Ringpi	Tista/Sikkim	160.0	B
78	Etalin	Dihang-Dibang/Ar.Pr.	3045.0	B
79	Kalai	Luhit /Ar.Pr.	2550.0	B
80	Naying	Dihang-Dibang/Ar.Pr.	495.0	B
81	Teesta St. I	Tista/Sikkim	320.0	B
82	Kolodyne St. I	Barak & Others/Miz	120.0	B
83	Kameng	Kameng/Ar.Pr.	1100.0	B
84	Oju-I	Subansiri/Ar.Pr.	1925.0	B
85	Niare	Subansiri/Ar.Pr.	1405.0	B
86	Bichom-II	Kameng/Ar.Pr.	205.0	B
87	Rangyong	Tista/Sikkim	175.0	B
88	Serum	Tista/Sikkim	50.0	B
89	Pasar	Kameng/Ar.Pr.	32.0	B
90	Siang Middle	Dihang-Dibang/Ar.Pr.	700.0	B
91	Emra-I	Dihang-Dibang/Ar.Pr.	275.0	B
92	Minnying	Dihang-Dibang /Ar.Pr.	195.0	B
93	Elango	Dihang-Dibang/Ar.Pr.	180.0	B
94	Duimukh Storage	Subansiri/Ar.Pr.	170.0	B

1	2	3	4	5
95	Mirak	Dihang-Dibang/Ar.Pr.	160.0	B
96	Tato-I	Dihang-Dibang/Ar.Pr.	80.0	B
97	Nazong	Kameng/Ar.Pr.	65.0	B
98	Pauk	Dihang-Dibang/Ar.Pr.	50.0	B
99	Satuk	Kameng/Ar.Pr.	47.0	B
100	Gameng	Dihang-Dibang/Ar.Pr.	37.0	B
101	Zungki	Barak & Others/Nag	48.0	B
102	Laniye-I	Barak & Others/Men	34.0	B
103	Papu	Kameng/Ar.Pr.	160.0	B
104	Jaru	Dihang-Dibang/Ar.Pr.	60.0	B
105	Amring	Kalang/Assam	33.0	B
106	Pichang	Kameng/Ar.Pr.	31.0	B
107	Ranganadi St. II	Subansiri/Ar.Pr.	180.0	B
108	Mawpat	Barak & Others/Megh	55.0	B
109	Rangmaw	Barak & Others/Megh	42.0	B
110	Mathithing	Kameng/Ar.Pr.	40.0	B
111	Khuitam	Kameng/Ar.Pr.	29.0	B
112	Talong	Kameng/Ar.Pr.	150.0	B
113	Utung	Kameng/Ar.Pr.	110.0	B
114	Dibbin	Kameng/Ar.Pr.	95.0	B
115	Jarong	Dihang-Dibang/Ar.Pr.	85.0	B
116	Nongnam	Barak & Others/Megh	36.0	B
117	Khuzami	Barak & Others/Nag	32.0	B
118	Nongmawlar	Barak & Others/Megh	29.0	B
119	But	Kameng/Ar.Pr.	26.0	B
120	Hirong	Dihang-Dibang/Ar.Pr.	180.0	B
121	Tuivawl	Barak & Others/Miz	48.0	B
122	Malinye	Dihang-Dibang/Ar.Pr.	335.0	B
123	Heo	Dihang-Dibang/Ar.Pr.	90.0	B
124	Yangman Stor.	U. Brahamaputra/Ar.Pr.	60.0	B
125	Chhota Pathing	Tista/Sikkim	55.0	B
126	Nonglyngkien	Barak & Others/Megh	47.0	B
127	Mawsyrpat	Barak & Others/Megh	45.0	B
128	Sissiri	Dihang-Dibang/Ar.Pr.	222.0	B
129	Nongkolait	Barak & Others/Megh	180.0	B
130	Tenga	Kameng/Ar.Pr.	275.0	B
131	Jedang	Tista/Sikkim	185.0	B
132	Mihumdon	Dihang-Dibang/Ar.Pr.	145.0	B
133	Yangnyu Stor.	U. Brahmaputra/Naga.	135.0	B
134	Rurrur	Barak & Others/Nag	36.0	B

1	2	3	4	5
135.	Dibang	Dihang-Dibang/Ar.Pr.	1000.0	B
136.	Khongnem Chakha-II	Barak & Others/Man	90.0	B
137.	Tuivai	Barak & Others/Man	51.0	B
138.	Jamuna Dam P/H	Kalang/Assam	28.0	B
139.	Deh	Barak & Others/Miz	26.0	B
140.	Diyung Dam P/H	Kalang/Assam	47.0	B
141.	Rongni Storage	Tista/Sikkim	95.0	B
142.	Middle Subansiri	Subansiri/Ar.Pr.	2000.0	B
143.	Siang Upper	Dihang-Dibang/Ar.Pr.	11000.0	B
144.	Bichom Storage-I	Kameng/Ar.Pr.	190.0	B
145.	Upper Subansiri	Subansiri/Ar.Pr.	2500.0	B
146.	Kurung Dam-I	Subansiri/Ar.Pr.	200.0	B
147.	Someshwari Dam	Barak & Others/Megh	130.0	B
148.	Amagam Storage	Barak & Others/Megh	35.0	B
149.	Mawblei Storage	Barak & Others/Megh	100.0	B
150.	Dikhu Lift Dam	U. Brahmaputra/Naga.	120.0	C
151.	Dilli Stor.	U. Brahmaputra/Assam	33.0	C
152.	Lower Subansiri	Subansiri/Ar.Pr.	2000.0	C
153.	Kaldan Stor.	Barak & Others/Miz	545.0	C
154.	Pabaram Stor.	Barak & Others/Man	232.0	C
155.	Sinjal	Barak & Others/Man	39.0	C
156.	Demwe	Luhit/Ar.Pr.	3000.0	C
157.	Jhanji Storage	U. Brahmaputra/Naga.	75.0	C
158.	Kynshi-I Stor.	Barak & Others/Megh	295.0	C
159.	Tipang	U. Brahmaputra/Ar.Pr.	80.0	C
160.	Umngot Stor.	Barak & Others/Megh	265.0	C
161.	Tizu	Barak & Others/Nag	365.0	C
162.	Teesta High Dam	Tista/WB	2505.0	C
163.	Tipaimukh	Barak & Others/Man	1500.0	C
164.	Mawthaba	Barak & Others/Megh	70.0	C
165.	Dikhu Dam P.H.	U. Brahmaputra/Naga.	470.0	C
166.	Umngi Storage	Barak & Others/Megh	35.0	C
167.	Lunglang Stor.	Barak & Others/Miz	690.0	C
168.	Boinu Stor.	Barak & Others/Miz	635.0	C
	TOTAL:		63328.0	

Statement IV

Schemes in Central India River Basin (Gradewise)

Sl. No.	Name of Scheme	River	Probable Installed Capacity (MW)	Grade
1.	Upper Sankh-II	Sankh	186	A
2.	Basania	Narmada	60	A
3.	Serengda	Karo	37	A
4.	Bhimkund	Baitarni	29	B
5.	Hirakud St-III	Mahanadi	408	B
6.	Jahanpur	Narmada	74	B
7.	Lodani	Brahmani	42	B
8.	Subernarekha MPP	Subernarekha	30	B
9.	Baljori	Baitarni	393	B
10.	Naraj	Mahanadi	215	B
11.	Tikkarpara	Mahanadi	205	B
12.	Bumher	Narmada	28	B
13.	Lower Sankh	Sankh	186	C
	TOTAL		1894	

Statement V

West Flowing River System (Gradewise)

Sl. No.	Name of Scheme	Basin	Probable Installed Capacity (MW)	Grade
1	2	3	4	5
1.	Machchattu	Varahi-Kuttiyadi	35	A
2.	Pandiarpunnapuzha-II	Varahi-Kuttiyadi	70	B
3.	Netravati	Varahi-Kuttiyadi	60	B
4.	Kumardhari	Varahi-Kuttiyadi	49	B

1	2	3	4	5
5.	Kuriarkutty	Varahi-Kuttiyadi	84	B
6.	Barapole-II	Varahi-Kuttiyadi	85	B
7.	Kali Nadi-III (Mardi)	Mandavi-Sharavati	175	B
8.	Krishnapur	Mandavi-Sharavati	210	B
9.	Bennehole	Mandavi-Sharavati	55	B
10.	Gangavali-II	Mandavi-Sharavati	105	B
11.	Poringalkuthu (R.B.)	Baypore-Periyar	65	B
12.	Manali	Baypore-Periyar	36	C
13.	Parinjankutty	Paypore-Periyar	120	C
14.	Aghnashini	Mandavi-Sharavati	370	C
15.	Lower Sabarigiri	Pamba-Paraliar	55	C
16.	Kudal	Baypore-Periyar	47	C
17.	Nirar	Baypore-Periyar	26	C
18.	Twin-Kallar MPP	Pamba-Paraliar	65	C
19.	Paraliyar	Pamba-Paraliar	39	C
20.	Cholathipuzha	Baypore-Periyar	80	C
21.	Silent Valley	Baypore-Periyar	130	C
22.	Pandiarpunnapuzha-I	Baypore-Periyar	100	C
23.	Chalipuzha	Baypore-Pariyar	50	C
24.	Sonal	Mandavi-Sharavati	55	C
25.	Barapole St-I	Varahi-Kuttiyadi	335	C
	TOTAL		2501	

Statement-VI

East Flowing River System of Southern India (Grade-wise)

Sl. No.	Name of Scheme	Basin/River	Probable Installed Capacity (MW)	Grade
1	2	3	4	5
1.	Dummagudem	Godavari	360	A
2.	Kutru-I	Godavari	150	A
3.	Konta	Godavari	65	A
4.	Kumbhi II	Krishna	27	A
5.	Pulichintala	Krishna	60	A
6.	Singareddi	Godavari	250	A
7.	Kunghara	Godavari	115	A

1	2	3	4	5
8.	Ghargaon	Godavari	105	A
9.	Samda	Godavari	95	A
10.	Pondugala	Krishna	95	A
11.	Bhavanikattalai	Cauvery	90	A
12.	Kasari-I	Kasari	215	B
13.	Patharpunj	Krishna	29	B
14.	Chitrakot	Godavari	38	B
15.	Kadvi	Vama	215	B
16.	Cauvery-PH I	Cauvery	235	B
17.	Kumbhi-I	Krishna	170	B
18.	Bhopalapatnam	Indravati	1000	B
19.	Pathri	Godavari	40	B
20.	Kutru-II	Godavari	150	B
21.	Arkavathi	Cauvery	42	B
22.	Cauvery-PH IV	Cauvery	36	B
23.	Jaldurg	Krishna	270	B
24.	Narayanpur	Krishna	70	B
25.	Sahasrakund-I	Godavari	29	B
26.	Hiranyakeshi-II	Vedganga	405	B
27.	Cauvery-PH II	Cauvery	165	B
28.	Nagur-II	Indravati	270	B
29.	Nugur-I	Godavari	160	B
30.	Kotri	Godavari	70	B
31.	Polavaram	Godavari	720	B
32.	Pranhita	Pránhita	310	B
33.	Lower Kolab	Sabari	375	B
34.	Cauvery-PH III	Cauvery	90	B
35.	Mananthavadi	Kabini	240	B
36.	Wainganga	Godavari	150	B
37.	Inchampalli	Godavari	975	B
38.	Lower Moyar	Cauvery	33	C
39.	Krishnarajasagar	Cauvery	55	C
	TOTAL		7969	